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PTO/SB/05 (11-00)

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## UTILITY TRANSMITTAL

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Attorney Docket No. TI-31241 First Inventor **Dror Salee** MAC Redundancy in Cable Network Headend Title

u OL PATENT APPLICATION (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. EL071334395US **Assistant Commissioner for Patents** APPLICATION ELEMENTS ADDRESS TO: **Box Patent Application** See MPEP chapter 600 concerning utility patent application contents Washington, DC 20231 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or X 7. 1. (Submit an original, and a duplicate for fee processing) Computer Program (Appendix) Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. 8. 2 See 37 CFR 1.27. (if applicable, all necessary) Specification [ Total Pages X 10 Computer Readable Form (CRF) 3. (preferred arrangement set forth below) b. Specification Sequence Listing on: - Descriptive title of the Invention Cross Reference to Related Applications Statement Regarding Fed sponsored R & D CD-ROM or CD-R (2 copies); or í. - Reference to sequence listing, a table, or a computer program listing appendix ii. paper - Background of the Invention - Brief Summary of the Invention Statements verifying identity of above copies - Brief Description of the Drawings (if filed) - Detailed Description **ACCOMPANYING APPLICATION PARTS** - Claim(s) - Abstract of the Disclosure 9. Assignment Papers (cover sheet & documents(s)) 37 CFR 3.73(b) Statement X Drawing(s) (35 U.S.C. 113) 2 [ Total Sheets 10. (when there is an assignee) Attorney Oath or Declaration [ Total Pages 11. English Translation Document (if applicable) Information Disclosure Copies of IDS 12. Newly Executed (original or copy) Statement (IDS)/PTO-1449 a. Citations Copy from a prior application (37 CFR 1.63(d)) Preliminary Amendment h. 13. (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) X i. 14. DELETION OF INVENTOR(S) (Should be specifically itemized) Signed statement attached deleting inventor(s) Certified Copy of Priority Document(s) named in the prior application, see 37 CFR 15. (if foreign priority is claimed) 1.63(d)(2) and 1 33(b) Request and Certification under 35 U.S.C. 122 16. (b)(2)(B)(i) Applicant must attach form PTO/SB/35 or its equivalent, Application Data Sheet. See 37 CFR 1 76 17. 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No-Prior application information Examiner Group / Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 23494 Customer Number or Bar Code Label Correspondence address below NAME Warren L. Franz **ADDRESS** CITY STATE ZIP CODE TX COUNTRY FAX TELEPHONE (972) 917-5271 (972) 917-4418

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	WF 14.	6-27-01	

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Patent fees are subject to annual revision on October 1.

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Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

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	Complete If Known				
	Application Number	To Be Determined			
	Filing Date	6/27/01			
	First Named Inventor	Dror Salee			
	Examiner Name	To Be Determined			
	Group / Art Unit	To Be Determined			
	Attorney Docket No.	TL212/11			

TOTAL AMOUNT (	OF PAYMENT	(\$) 710.00	, ,	Attorney	Docke	et No.	TI-31241
	METHOD OF	PAYMENT	FEE CALCULATION (continued)				
	ommissioner is here it Account,	eby authorized to charge to the following	3.	ADDIT	IONAL	FEES	
Deposit Account Number  Deposit Account Name	Texas In	20-0668 struments Incorporated	Large Fee Code 105 127	Entity Fee (\$) 130 50	Small Fee Code 205 227	Entity Fee (\$) 65 25	Fee Description Fee Paid Surcharge - late filing fee Surcharge - late provisional filing fee or
Charge any a		Charge all indicated fees and any additional fee required or	139	130	139	130	cover sheet.  Non-English specification
overpayment	•	credit any overpayment	147	2,520	147	2,520	For filing a request for reexamination
2. Payn	ment Enclosed	l:	112	920*	112	920*	Requesting publication of SIR prior to Examiner action
	1 1	Money Other Order	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action
3754	FEE CALC	ULATION	115	110	215	55	Extension for reply within first month
Manual	ING FEE		116	400	216	200	Extension of time within second month
<b>52.5</b>	Small Entity		117	950	217	475	Extension of time within third month
Fee Fee	Fee Fee	Fee Description Fee Paid	118	1,510	218	755	Extension of time within fourth month
Talker of	Code (\$)		128	2,060	228	1,030	Extension of time within fifth month
<b>1</b> 01 710	201 355	Utility filing fee \$710	119	310	219	155	Notice of Appeal
°1 <u>0</u> 6 320	206 160	Design filing fee \$	120	310	220	155	Filing a brief in support of an appeal
<b>1:0</b> 7 490	207 245	Plant filing fee \$	121	270	221	135	Request for oral hearing
107 490 108 710 114 150	208 355	Reissue filing fee \$	138	1,510	138	1,510	Petition to institute a pubic use proceeding
114 150	214 75	Provisional filing fee \$	140	110	240	55	Petition to revive - unavoidable
F			141	1,320	241	660	Petition to revive - unintentional
		SUBTOTAL (1) (\$)710.00	142	1,320	242	660	Utility issue fee (or reissue)
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EXTRA CI	AIM FEES		144	670	244	335	Plant issue fee
1 %; 5 		F	122	130	122	130	Petitions to the Commissioner
A CONTRACTOR OF THE CONTRACTOR	Extra C	Fee laims from Fee Paid	123	50	123	50	Petitions related to provisional applications
		below	126	240	126	240	Submission of Information Disclosure Stmt.
Total Claims 3	-20**= 0 -3** = 0	x 18 = 0 x 80 = 0	581	40	581	40	Recording each patent assignment per properly (time number of properties)
Claims		270 = 0	146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))
**or number previously p	paid, if greater; For I		149	790	249	395	For each additional invention to be examined (37 CFR 1 129(b))
Large Entity Fee Fee Code (\$) 103 18	Small Entity Fee Fee Code (\$) 203 9	Fee Description  Claims in excess of 20  Independent Claims in excess of 3	Oth	er fee (s	pecify)	)	
102 80	202 40	•	]				
104 270	204 135	Multiple dependent claims in excess of 3					<del></del>
109 80	209 40	**Reissue independent claims over original patent	Oth	er fee (s	pecify)	)	
110 18	210 9	**Reissue claims in excess of 20 and over original patent					
SUBTOTAL (2) (\$)0 *Reduced by Basic Filing Fee Paid							
SUBMITTED BY							Complete (if applicable)
Typed or Printed Name Warren L. Franz							Reg. Number 28,716
Signature		11/1/16.			Date		9-27-01 Deposit Account User ID N/A